

STATE OF CALIFORNIA

CALIFORNIA INTEGRATED WASTE MANAGEMENT BOARD
ENCLOSURE #13

To request a Time Extension (TE) or Alternative Diversion Requirement (ADR), please complete and sign this form and return it to your Office of Local Assistance (OLA) representative at the address below, along with any additional information requested by OLA staff. When all documentation has been received, your OLA representative will work with you to prepare for your appearance before the Board. If you have any questions about this process, please call (916) 341-3199 to be connected to your OLA representative.

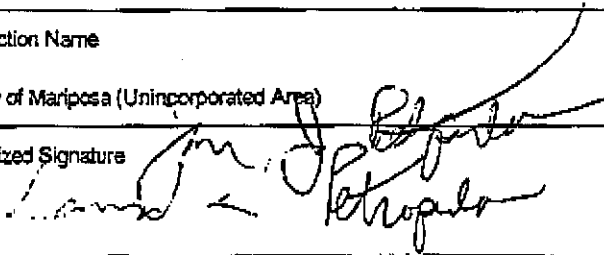
Mail completed documents to:

California Integrated Waste Management Board
Office of Local Assistance, (MS 25)
1001 I Street
PO Box 4025
Sacramento CA 95812-4025

General Instructions:

For a Time Extension complete Sections I, II, III-A, IV-A, and V.

For an Alternative Diversion Requirement complete Sections I, II, III-B, IV-B and V.

Section I: Jurisdiction Information and Certification			
<i>All respondents must complete this section.</i>			
I certify under penalty of perjury that the information in this document is true and correct to the best of my knowledge, and that I am authorized to make this certification on behalf of:			
Jurisdiction Name County of Mariposa (Unincorporated Area)		County Mariposa County	
Authorized Signature 		Title Public Works Director	
Type/Print Name of Person Signing Jim Petropulos	Date 7/22/02	Phone (209) 968-5358	
Person Completing This Form (please print or type) Jim Greco Susan Avery		Title Owner/Principal California Waste Associates Solid Waste Manager, Mariposa County	
Phone (916)933-2327	E-mail Address jgwaste@aol.com	Fax (916)933-3157	
Mailing Address P. O. Box 5177	City El Dorado Hills	State CA	ZIP Code 95762

Section II—Cover Sheet

This cover sheet is to be completed for each Time Extension (TE) or Alternative Diversion Requirement (ADR) requested.

1. Eligibility

Has your jurisdiction filed its Source Reduction and Recycling Element, Household Hazardous Waste Element, and Nondisposal Facility Element with the Board (must have been filed by July 1, 1998 if you are requesting an ADR)?

☐ No. If no, stop; not eligible for a TE or ADR.

☒ Yes. If yes, then eligible for a TE or ADR.

2. Specific Request and Length of Request

Please specify the request desired.

☐ Time Extension Request

Specific years requested _

Is this a second request? ☐ No ☐ Yes Specific years requested _

(Note: Requests for an additional extension will need to address why the jurisdiction's efforts to meet the 50% goal by the end of the first extension were not successful.)

☒ Alternative Diversion Requirement Request (*Not allowed for Regional Agencies*).

Specific ADR requested _33_%, for the years _December 31, 2004_.

Is this a second ADR request? ☒ No ☐ Yes Specific ADR requested _% , for the years _

(Note: Requests for an additional ADR will need to address why the jurisdiction's efforts to meet 50% by the end of the first ADR period were not successful.)

Note: Extensions may be requested anytime by a jurisdiction, but will only be effective in the years from January 1, 2000 to January 1, 2006. An original request for a TE/ADR may be granted for any period up to three years and subsequent requests for TE/ADR may extend the original request or be based on new circumstances but the total number of years for all requests cannot total more than five years or extend beyond January 1, 2006.

Section IIIA—TIME EXTENSION

Within this section, discuss your jurisdiction's progress in implementing diversion programs that were planned to achieve 50%. Provide any additional information that demonstrates "good faith effort." The CIWMB shall determine your jurisdiction's progress in demonstrating "good faith effort" towards complying with AB 939. Note: The answers to each question should be comprehensive and provide specific details regarding the jurisdiction's situation.

Attach additional sheets if necessary—please reference each response to the appropriate cell number (e.g., IIIA-1).

- 1. Why does your jurisdiction need more time to meet the 50% goal? Describe why SRRE selected programs did not achieve 50% diversion. Identify barriers to meeting the 50% goal and briefly indicate how they will be overcome.**

NOT APPLICABLE

- 2. Why does your jurisdiction need the amount of time requested? Describe any relevant circumstances in the jurisdiction that contribute to the need for a Time Extension.**

NOT APPLICABLE

- 3. Describe your jurisdiction's Good Faith Efforts to implement the programs in its SRRE.**

NOT APPLICABLE

- 4. Provide any additional relevant information that supports the request.**

NOT APPLICABLE

Section IIIB—ALTERNATIVE DIVERSION REQUIREMENT

Within this section, discuss your jurisdiction's progress in implementing diversion programs that were planned to achieve 50%. Provide any additional information that demonstrates "good faith effort." The CIWMB shall determine your jurisdiction's efforts in demonstrating "good faith effort" towards complying with AB 939. Note: The answers to each question should be comprehensive and provide specific details regarding the jurisdiction's situation.

Attach additional sheets if necessary—please reference each response to the appropriate cell number (e.g., IIIB-1.).

1. Why does your jurisdiction need and Alternative Diversion Requirement? Describe why SRRE selected programs did not achieve 50% diversion. Identify barriers to meeting the 50% goal and briefly indicate how they will be overcome.

Why ADR? The SRRE-selected programs were based upon what the County felt were achievable for the County's residents, commercial enterprises, and visitors, taking into account the presence of Yosemite National Park (YNP) within the County's boundaries. Mariposa County is a rural jurisdiction with low population densities. The County also experiences notable fluctuations in quarterly waste generation due to seasonal impacts, particularly when during the late spring, summer, and early fall when the population swells significantly due to tourists and YNP visitors. The County has been researching, evaluating, defining, negotiating, and securing funding for a new program (construction of a mixed waste processing/composting facility) since 1993. Preliminary design work is underway. Permitting and environmental review are scheduled to commence in the Fall of 2002. The target is July 1, 2005 for operational start-up. If this schedule holds, the facility will receive and process solid waste in phases, reaching full operation by January 2006. The diversion expected in 2004 from other diversion programs should achieve a diversion rate of 33% in 2004. Full operation of the facility in 2006 is planned to reach a countywide diversion rate of 73%.

SRRE Selected Programs. The selected programs in the SRRE initially anticipated achieving diversion through source reduction (9%), recycling (42%), and composting (2%). The bulk of recycling program effectiveness was expected to come from programs existing in 1990, expansion of drop-off locations, and mixed waste processing at the only landfill in the County. It was noted in the SRRE and the Summary Plan that a mixed waste processing and composting system should be considered, if needed, to achieve goals and objectives. In 1994, the County suspected that it may have underestimated its plans to achieve a 50% goal by 2000 and authorized a feasibility study to assess additional options, including the technical and economic feasibility of a mixed waste composting facility. Since 1995, the County has pursued the development of a mixed waste processing/composting facility. Please see the enclosed project timeline which identifies the activities and milestones attained and planned for the implementation of this project.

Barriers. The facility includes technology not currently operating in the U.S. The County carefully selected a company (Herhof), headquartered in Germany, with worldwide experience. The County has been working with Herhof since 1999. The company has presented a binding offer to the County for selling the necessary equipment and technology. Herhof facilities were visited and information about their performance was researched. However, planning and negotiations have been time-consuming and difficult due to: (1) language and cultural obstacles; (2) currency exchange issues; and (3) during the course of developing the project, the German company's agent (HUWS located in Canada), was no longer authorized to represent the company, thereby creating a delay in the project development schedule during 2001. During the past three years, the project concept has varied to also address end product issues and opportunities, such as: high grade compost vs. use as a fuel supplement vs. beneficial land application uses in the County. Additionally, approximately a third of the County's waste stream is generated in Yosemite National Park and operated by a Federal agency, the National Park District. The NPS is interested in a long term, controlled cost system and requested participation in the project. The County has worked with the NPS and Federal officials to be responsive to their interests and objectives.

The County did not fully appreciate nor comprehend the complexity of the various project development phases. However, significant progress has occurred during the past nine months. If the current schedule is followed, the County feels it can achieve a diversion rate of 33% in 2004 and 50% in 2005. The identified "Goal Achievement Plan" and adherence to the timeline of anticipated milestone events provides the County with the approach to overcome the cited barriers and consummate implementation of this project and attainment of the 50% goal.

2. Why is your jurisdiction requesting an Alternative Diversion Requirement in lieu of a Time Extension?

The County discussed with CIWMB staff the appropriateness of a longer time extension (through August 20, 2005) versus requesting an Alternative Diversion Requirement (ADR) of 33% through December 31, 2004.

The County analyzed its disposal trends for 1995 through 2000 by quarter. Seasonal variations were noted. The expected seasonal waste flows to the Mariposa County Landfill were assumed to be accurate enough to project the level of waste flows by month for 2004 and 2005. The County assumed that the mixed waste composting project would begin receiving mixed waste in July 2005. The County planned for phasing in the facility over a 4-month period - processing 341, 682, 1,023, and 807 tons per month in July, August, September, and October. Using the CIWMB adjustment methodology, the 2004 diversion rate was calculated, resulting in a diversion rate of 33%. A diversion rate of 50% was thought to be reachable in 2005 with operation of the mixed waste processing/composting facility starting in July 2005.

Cognizant of recent CIWMB Board approvals of requested time extensions through 2004, the County felt that the ADR would be the more appropriate request to enable the County to fulfill an interim goal while also pursuing the 50% goal after December 31, 2004.

Enclosed is a derivation of the diversion impact from the mixed waste processing/composting project in 2005 (mid year start-up) and 2006 (fully operational).

3. Describe your jurisdiction's Good Faith Efforts to implement the programs in its SRRE.

The County summarized its program implementation activities in a letter dated June 26, 2002 responding to a CIWMB staff request for additional information regarding program status. The County has striven to implement programs thought to be the most reasonable for the waste generators in the County. The estimated residential portion of the County's waste stream is 37%. The remaining 63% is split between non-residential, commercial (31%) and recreational (32%). Recreational waste is the Yosemite National Park waste stream. Only 12% of County residents subscribe to waste collection service. The remaining 88% self-manage their waste. Additionally, Mariposa County residents value independence. The County has sought to educate and encourage County residents and businesses to participate in diversion programs and household hazardous waste (HHW) programs.

The County has participated in the many initiatives led by the Regional Council of Rural Counties Environmental Services Joint Powers Authority (ESJPA). The County has been able to capitalize on economies of scale and grant programs available from the CIWMB and the Department of Conservation through the ESJPA. The County appreciates these grant opportunities and the sponsoring agencies' assistance. Without them, it would be much more costly to implement drop-off, tire, HHW, used oil, and redemption center diversion programs.

When the County realized that it had to do more to attain the 50% goal, it prioritized the mixed waste processing/composting project. Significant labor and financial resources were allocated to the project. In late 1999, the County funded a new waste characterization project to confirm that the waste stream still supported a mixed waste processing/composting project. The study results were released in January 2000 and reported that 69% of the total waste stream is estimated to be organic material that may be composted. The study also indicated an additional 12% is recyclable (e.g., cardboard, metals, etc.).

The County recently surveyed various sources of waste generation to ascertain the quantities of recycling which occurred in 2000 throughout the County. Most of the reported diversion quantities are enclosed. Diversion was quantified or estimated for grasscycling (50 tons), backyard composting (50 tons), business waste reduction (50 tons), govt. source reduction (5 tons), thrift stores (150 tons), residential dropoff programs (505 tons), buyback centers (322 tons), landfill salvage (995 tons), manure reuse (678 tons), sludge diversion (112 tons), white goods diversion (172 tons), road regrindings reuse (1,500 tons), tire recycling (47 tons), govt. composting (81 tons) and rendering in Yosemite National Park through the NPS (58 tons).

The County feels that it has pursued the development of reasonable and feasible programs consistent with the character of its populace. However, the County also acknowledges that the expected diversion levels were not achieved. This has led to the County to determine that the most reasonable and feasible program to achieve diversion goals for the countywide waste stream composition (in concert with the NPS) is the MSW processing/composting project.

4. Describe any relevant circumstances in the jurisdiction that contribute to the need for an ADR. Provide any relevant information that supports the request.

The ADR would enable the County to meet an interim goal during the first year when the County starts to receive waste at the MSW processing/composting facility and ramp up facility waste receipts to design capacity in order to achieve increased levels of diversion beyond the 50% goal.

Although the County is a rural jurisdiction and thus is provided with the opportunity to petition the CIWMB for a permanent rural reduced diversion goal, its Board of Supervisors has decided not to consider this course of action because it wants to emphasize a realizable high goal diversion program in order to preserve the remaining capacity of its only landfill, the Mariposa County Landfill. This landfill has limited expansion capabilities and, if closed, would result in a long haul to another disposal site out-of-county.

The County has worked closely with the National Park Service to implement recycling programs in the Park. Yosemite Concession Services (YCS) Corporation operates nine facilities in Yosemite National Park, which includes hotels, retail outlets, guest recreation, warehousing, maintenance, warehousing transportation, and food and beverage services. YCS recycles 25% and diverts 43% of its solid waste generated. YCS has been a WRAP winner every year since 1993 for its waste diversion, educational, and green purchasing practices. The NPS desires to ensure long term disposal capacity for YNP at reasonable cost. The NPS is aware that the Mariposa County Landfill has limited capacity which must be preserved by significant volume reduction of the current annual waste disposal load. If the landfill were to close, the NPS would have to secure available disposal capacity out-of-county, which could be more costly than its current options.

Section IV A—PLAN OF CORRECTION

A Plan of Correction is required by PRC Section 41820(a)(6)(B). The plan is fundamentally a description of the actions the jurisdiction will take to meet the 50% goal by the expiration of the Time Extension.

Attach additional sheets if necessary.

Residential %		Non-residential %			
PROGRAM TYPE	NEW or EXPAND	DESCRIPTION OF PROGRAM	FUNDING SOURCE	DATE FULLY COMPLETED	ESTIMATED PERCENT DIVERSION
Please use the Board's Program Types. The Program Glossary is online at: www.ciwmb.ca.gov/LGCentral/PARIS/Codes/Reduce.htm					
Total Estimated Diversion Percent From New and/or Expanded Programs					
Current Diversion Rate Percent From Latest Annual Report					
Total Planned Diversion Percent Estimated					

PROGRAMS SUPPORTING DIVERSION ACTIVITIES

PROGRAM TYPE	NEW or EXPANDED	DESCRIPTION OF PROGRAM	DATE FULLY COMPLETED

Section IV B—GOAL ACHIEVEMENT

Goal Achievement describes the activities the jurisdiction will use to achieve the ADR.
Attach additional sheets if necessary.

Residential %		37%	Non-residential %		63%
PROGRAM TYPE	NEW or EXPAND	DESCRIPTION OF PROGRAM	FUNDING SOURCE	DATE FULLY COMPLETED	ESTIMATED PERCENT DIVERSION
Please use the Board's Program Types. The Program Glossary is online at: www.ciwmb.ca.gov/LG/Central/PARIS/Codes/Reduce.htm					
Compost Facility (7030)	New	Develop, procure, permit, construct, and operate a mixed waste processing/composting facility. The technology would be proprietary (Herhof in-vessel box composting), installed, tested, and performance-compliant by Herhof and operated by the County Public Works Department. Please see Attachment D for a project update as of June 2002. (2,590 tons in 2005; 7,539 tons in 2006).	Federal, County, USDA loan/grant, and tip fees	7/2005	0.00% during requested ADR period.
Residential dropoff (2010)	Expand	Increased attention by the County at the LF and transfer stations through use of DOC grant funds for recyclables container placement and public education; through cooperation with the National Park Service increased education in Yosemite National Park to increase collection of CRV containers, paper, and wood.	DOC grants, PWD budget	12/03	5.00%
Inerts Diversion (4060)	Expand	Increase diversion of broken concrete, asphalt, and rock at the Mariposa County LF in addition to road work reconstruction (regrindings reuse) in the County.	PWD Budget	12/03	0.50%
Business Waste Reduction (1020)	Expand	Through the new Solid Waste Manager, outreach activities (meetings with business groups and larger waste generators) will be promoted and encouraged with an increased level of effort focused upon business waste reduction and reuse.	PWD Budget, Service Fees	7/03	0.50%
Total Estimated Diversion Percent From New and/or Expanded Programs					6.00%
Current Diversion Rate Percent From Latest Annual Report					27.00%
Total Planned Diversion Percent Estimated					33.00%

PROGRAMS SUPPORTING DIVERSION ACTIVITIES

PROGRAM TYPE	NEW or EXPAND	DESCRIPTION OF PROGRAM	DATE FULLY COMPLETED
5020 Outreach Education/technical Assistance	Expand	In 2001, the County entered into an agreement with the California Rural Water Association for the provision of personal services by an educational specialist, Ms. Belinda Green. These services commenced in early 2001 and include, but were not limited to conducting public education classes on composting, including waste separation, vermicomposting, HHW, recycling methodologies, landfill education, school recycling programs and public speaking events to civic organizations, schools, and businesses. The County Public Works Department also hired Susan Avery to fill the position of "Solid Waste Manager" effective July 8, 2002. During the next 3 years, the County will provide increased emphasis upon existing selected program implementation, dovetailing these activities with the implementation of the mixed waste processing facility.	7/8/02 (hiring Ms. Avery) Ongoing (outreach efforts)
5020 Outreach Education/Technical Assistance	Expand	Conducted Waste Characterization Study in 1999-2000 to identify potential recyclables now being landfilled. This will enhance the effectiveness of the selected composting technology,	1/7/00 and subsequent review
5020 Outreach Education/Technical Assistance	Expand	Promote WRAP to business community through publicizing success of Yosemite Concessionaire Services via print materials, presentations, and meetings with business groups like trade associations and chambers of commerce in addition to individuals.	7/31/03
5020 Outreach Education/Technical Assistance	Expand	Work with CIWMB staff to explore feasibility of a needs assessment and consideration of any additional reasonable and feasible programs.	12/31/02
5020 Outreach Education/Technical Assistance	Expand	On September 30, 1996 the County entered into a cooperative agreement with the NPS to provide funding for the development of a mixed solid waste composting facility. The agreement has been amended to extend the term and provide additional funding.	12/31/02
1030 Procurement Policy	Expand	The County has developed and approved by resolution a buy recycled procurement policy. The County is interested in improving this policy and would welcome input from the CIWMB.	3/31/03

Section V – PARIS

Office of Local Assistance staff will be reviewing your Jurisdiction's Planning Annual Report Information System (PARIS) database printout as part of the evaluation of your request. Should the Jurisdiction have updates or revisions to the program implementation from the latest Annual Report submitted to the Board, please attach to the application the Jurisdiction's PARIS database printout showing updates or revisions.

Contact your Office of Local Assistance Representative at (916) 341-6199 for a copy of PARIS, or go to the Board's website at www.clwmb.ca.gov/LGCentral/PARIS/.